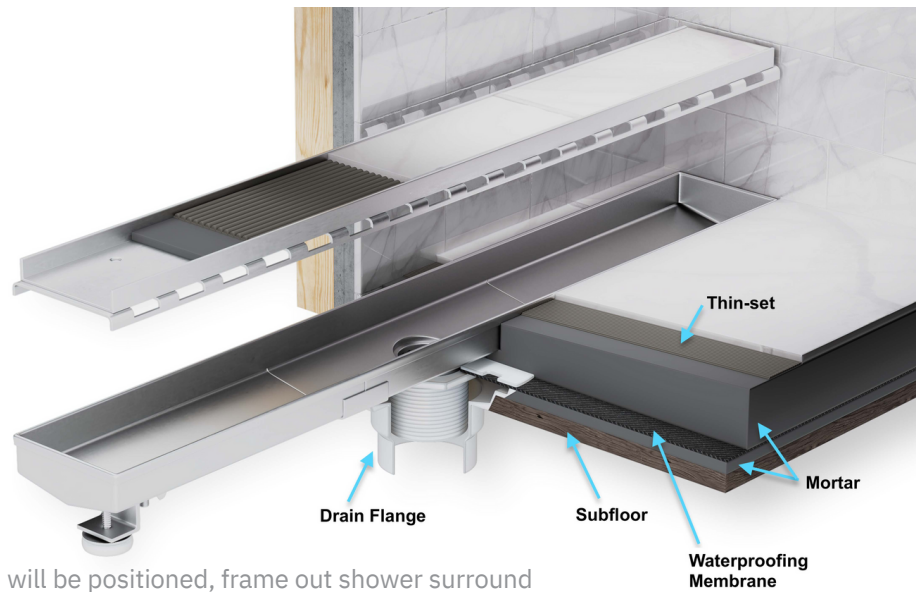


**Step 1: Position Drain**

Determine where the drain will be positioned, frame out shower surround as required.

Step 2: Connect Drain Flange

Attach the drain flange body (IMAGE A) to the waste pipe, leaving the drain bolts in place. Cover the drain opening with a rag or other material to prevent mortar from blocking the pipework during the installation.

Step 3: Trowel Mortar

Trowel mortar onto subfloor, pitch at a $\frac{1}{4}$ " per foot slope in direction towards the shower base.

Step 4: Waterproof and Secure

Install waterproof membrane, reinforce around outlet and cut carefully to expose heads of drain bolts and outlet. Install clamping ring.

Step 5: Test For Leaks

Before proceeding, test the membrane for any leaks to ensure the shower area is fully sealed. Any issues should be addressed at this point.

Step 6: Thread and Adjust Height

Screw the threaded nipple into the drain flange (IMAGE A), adjusting it to the desired height.

Step 7: Determine Drain Length

Determine the finished drain length, accounting for wall and tile thickness, plus 8" for the outlet section. To achieve the full drain length, cut the channel where the center of the outlet section will be placed. For a shorter length, remove an equal amount from each side of the channel. For example, if 4" needs to be removed, cut 2" from each side.

Tool: Use the enclosed stainless steel cutting blade or a handheld hacksaw with 32 TPI for the cleanest cut.

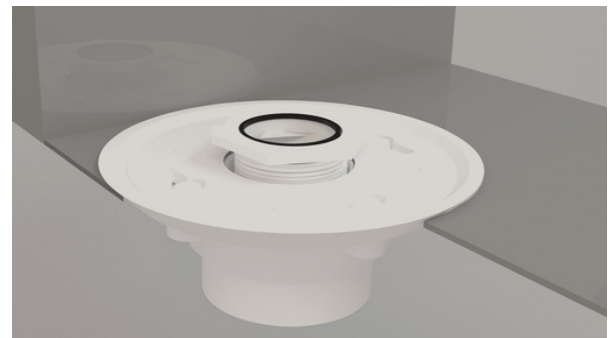


IMAGE A: Drain Flange Body

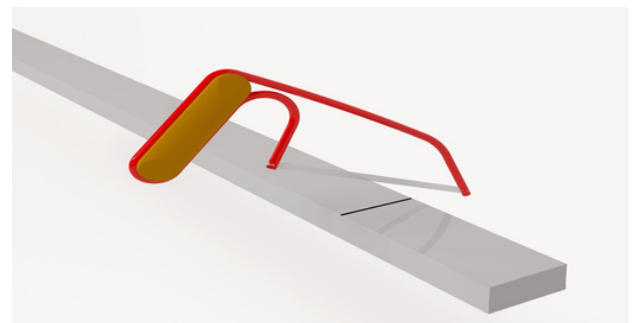


IMAGE B: Step 7-Cutting

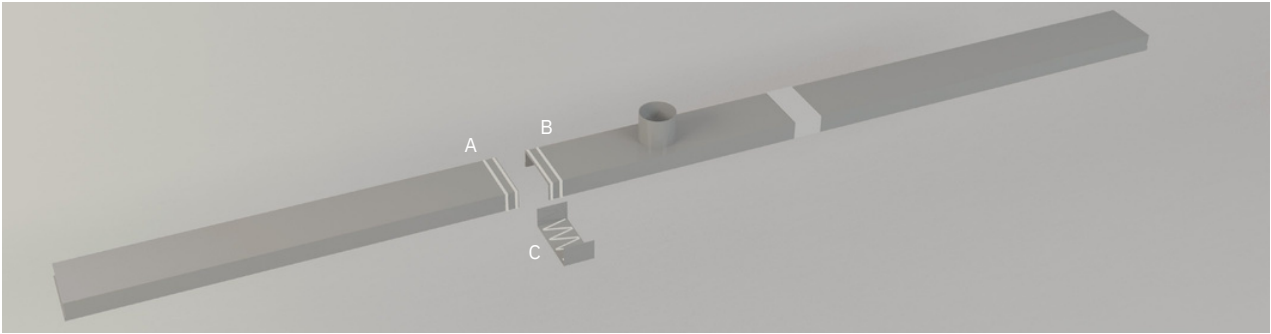
Tips:

- B Draw a straight line on the back of the channel where the cut will be made. C Clamp channel to stable, level surface for cutting. D Apply WD-40 lubricant for ease of sawing. E Cut drain channel at 45° angles. Use a 30° angle on corners. F Gently file edges with a carpenter file.
- f) Do not bend or pull away pieces being cut from channel, allow cut pieces to fall away.

Step 8: Clean and Connect Pieces

Clean all parts. On a flat, stable surface, align the cut ends of the channel (A) with the outlet section (B). To join the channel pieces to the outlet, attach joiner strips (C) to the underside of the seams, using provided Sikaflex 1A construction sealant. Wipe away any excess sealant immediately. Allow to dry minimum of 8 hours before handling.

Tip: Use Denatured Alcohol to clean.



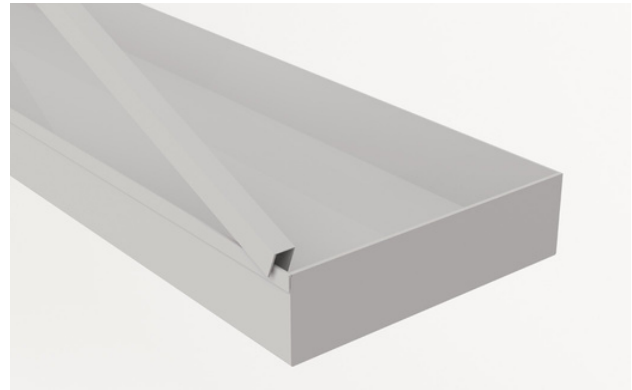
Step 9: Apply Trims

Apply Sikaflex 1A sealant to trim pieces and fit them onto the longer outer edge of the channel. Remove any Sikaflex spill over. Allow to dry minimum of 8 hours before handling.

Tips: Cover the inside of the base with blue painter tape to avoid staining the base with sealant residual.

Step 10: Thread and Adjust Height

Place the drain channel into the threaded nipple. Use the adjustable feet to keep the drain channel into the correct position and level.



Step 11: Apply Mortar

Trowel mortar around the channel to the required height. Maintain and check for proper slope.

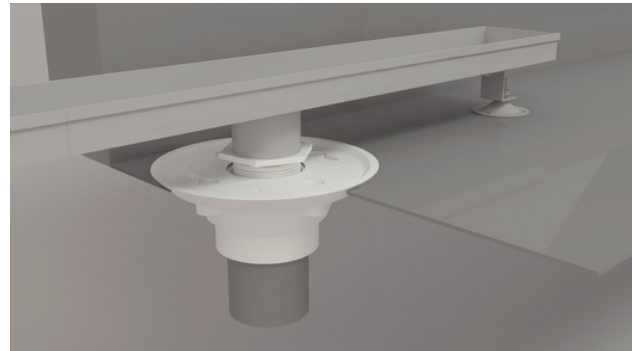
Step 12: Install Tile

Once floor mortar has cured, apply thin set and install tile and grout

Step 13: Install Grate

Place the grate into the channel. If needed, cut the grate to fit easily.

For Mist Spread a layer of mortar into the grate and apply tile, allowing for thinset and material to finish flush with metal frame.



Tool: Use a handheld hacksaw with 32 TPI for clean, accurate grate cuts. A stainless steel blade is ideal.

Cutting Tips:

- Mark a straight line before cutting.
- Secure the grate to a stable surface.
- Apply WD-40 or similar lubricant to ease sawing.
- Cut at a 45° angle for cleaner edges.
- File the edges gently with a carpenter's file.
- Let cut pieces fall naturally—do not bend or force them.

Important Notes:

- The included hair strainer basket fits inside the drain to collect hair and debris, preventing clogged pipes. Empty the basket regularly for optimal performance. Use of the basket is optional.
- Install and test the waterproof membrane in accordance with the membrane manufacturer's instructions, as well as local building and plumbing codes.
- QM strongly recommends that installation be performed by a licensed contractor.
- QM Drain is compatible with most standard 2" ABS, PVC, or cast iron shower drain flanges.
- A lifting key is provided to assist with grate removal.
- Proper floor slope is essential. Inadequate slope may lead to standing water or slow drainage.



Watch Grate Cutting Video